

REMARKS

Applicants thank the Examiner for consideration given to the present application. Claims 1-10, 12-18, and 20-29 are presently pending. Claims 11 and 19 were previously canceled. Claims 7-10, 12-18, and 20-23 are withdrawn. New claims 24-29 have been added. Claims 1, 6-8, 15, 16, and 24 are independent. Applicants respectfully request reconsideration of the rejected claims in light of the amendment and remarks presented herein, and earnestly seek timely allowance of all pending claims.

Claim Rejections Under 35 USC §103 – Taylor and Kim

Claims 1-6 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Taylor et. al. (“Taylor”, U.S. 6,084,978) in view of Kim et. al. (“Kim”, U.S. 2005/0210145). This rejection is respectfully traversed.

Independent claim 1 recites, *inter alia*, “a 3-dimensional control information creator for creating 3-dimensional control information for implementing 3-dimensional display of the primary image”. Taylor discloses a method for storing and retrieving digital planar and depth images (*See Column 3, Lines 27-28*). Taylor, however, does not disclose “a 3-dimensional control information creator for creating 3-dimensional control information for implementing 3-dimensional display of the primary image” as recited by claim 1. In fact, the passage recited in the Office Action to teach, disclose or suggest the above-mentioned claim feature only teaches a user selecting an image from an image directory by identifying an image in reduced scale and then displaying the two views of the set of images (*See Column 8, Lines 25-50*). There is not even a mere mention of creating 3-dimensional control information for implementing 3-dimensional display of the primary image as is recited in independent claim 1.

Furthermore, independent claim 1 recites, *inter alia*, “a multiplexer for multiplexing the primary image, the thumbnail image and the 3-dimensional control information”. Taylor discloses a method for storing and retrieving digital planar and depth images (*See Column 3, Lines 27-28*). Taylor does not disclose “a multiplexer for multiplexing the primary image, the

thumbnail image and the 3-dimensional control information” as recited by claim 1. In fact, the Office Action introduces Kim to teach a multiplexor for multiplexing the primary image, the thumbnail image and the 3-dimensional control information. Kim discloses a multimedia bookmark and electronic bulletin board system on computer networks (*See ¶12*). Kim, however, does not disclose the above-mentioned claim feature. The passage recited in the Office Action to teach, disclose or suggest the above-mentioned claim feature only includes a brief summary of MPEG-2 System Layer where PES packets are multiplexed with descriptive data. There is not even a mere mention of multiplexing the primary image, the thumbnail image and the 3-dimensional control information as recited in independent claim 1.

Additionally, with respect to dependent claims 4 and 5, the Examiner asserts that Kim discloses the claim features of claim 4 which recites “wherein the thumbnail image creator embeds a symbol that indicates an inclusion of a 3-dimensional image into the thumbnail image”, and the claim features of claim 5 which recites “wherein the thumbnail image creator creates the thumbnail image made up of a reduced image of the primary image and a reduced image of one viewpoint image extracted from the primary image and fitted therein in a picture-in-picture manner”. Specifically, the passages the Office Action points to in Kim (*See ¶ 0327 and ¶ 0427 of Kim*) to teach these claim features in fact neither disclose nor suggest the above-mentioned claim features of claims 4 and 5.

Independent claim 6 recites, *inter alia*, “a demultiplexer for separating a primary image data, a thumbnail data and a 3-dimensional control information from an input image data”. Kim discloses a multimedia bookmark and electronic bulletin board system on computer networks (*See ¶12*). In fact, the passage cited by the Office Action to teach the above-mentioned claim features only discloses demultiplexing video and audio signals (*See ¶428*). The teaching is wholly devoid of a demultiplexor for separating a primary image data, a thumbnail data and a 3-dimensional control information from an input image data as recited in independent claim 6.

Furthermore, independent claim 6 recites, *inter alia*, “a thumbnail creator for outputting a thumbnail with a symbol that indicates an inclusion of a 3-dimensional image overlaid on the thumbnail data when the primary image data represents a 3-dimensional image”. Kim discloses a multimedia bookmark and electronic bulletin board system on computer networks (*See ¶12*). In fact, the passage cited by the Office Action to teach the above-mentioned claim features only discloses demultiplexing video and audio signals (*See ¶428*). The teaching is wholly devoid of a thumbnail creator for outputting a thumbnail with a symbol that indicates an inclusion of a 3-dimensional image overlaid on the thumbnail data when the primary image data represents a 3-dimensional image as recited in independent claim 6.

For at least the reasons stated above, independent claims 1 and 6 are patentably distinct from Taylor and Kim. Claims 2-5 are at least allowable by virtue of their dependency on corresponding allowable independent claim.

Accordingly, it is respectfully requested to withdraw this anticipation rejection of claims 1-6 based on Taylor and Kim.

Conclusion

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Charles Gorenstein, Reg. No. 29,271 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

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Respectfully submitted,

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